

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071017\
 Data File : BG027904.D
 Acq On : 11 Jul 2017 2:03
 Operator : SJ/JU
 Sample : I4119-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 11 07:04:35 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 17:43:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	41051	20.00	ng	0.00
21) Naphthalene-d8	11.23	136	179094	20.00	ng	-0.02
38) Acenaphthene-d10	15.01	164	106900	20.00	ng	-0.02
63) Phenanthrene-d10	17.76	188	270459	20.00	ng	-0.02
75) Chrysene-d12	22.11	240	281240	20.00	ng	-0.02
86) Perylene-d12	25.67	264	171180	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	105776	39.68	ng	0.00
7) Phenol-d6	7.56	99	132875	32.63	ng	0.00
23) Nitrobenzene-d5	9.58	82	77999	24.28	ng	-0.02
41) 2,4,6-Tribromophenol	16.50	330	71833	48.99	ng	-0.02
44) 2-Fluorobiphenyl	13.63	172	226214	30.22	ng	-0.02
78) Terphenyl-d14	20.34	244	416155	34.69	ng	-0.02

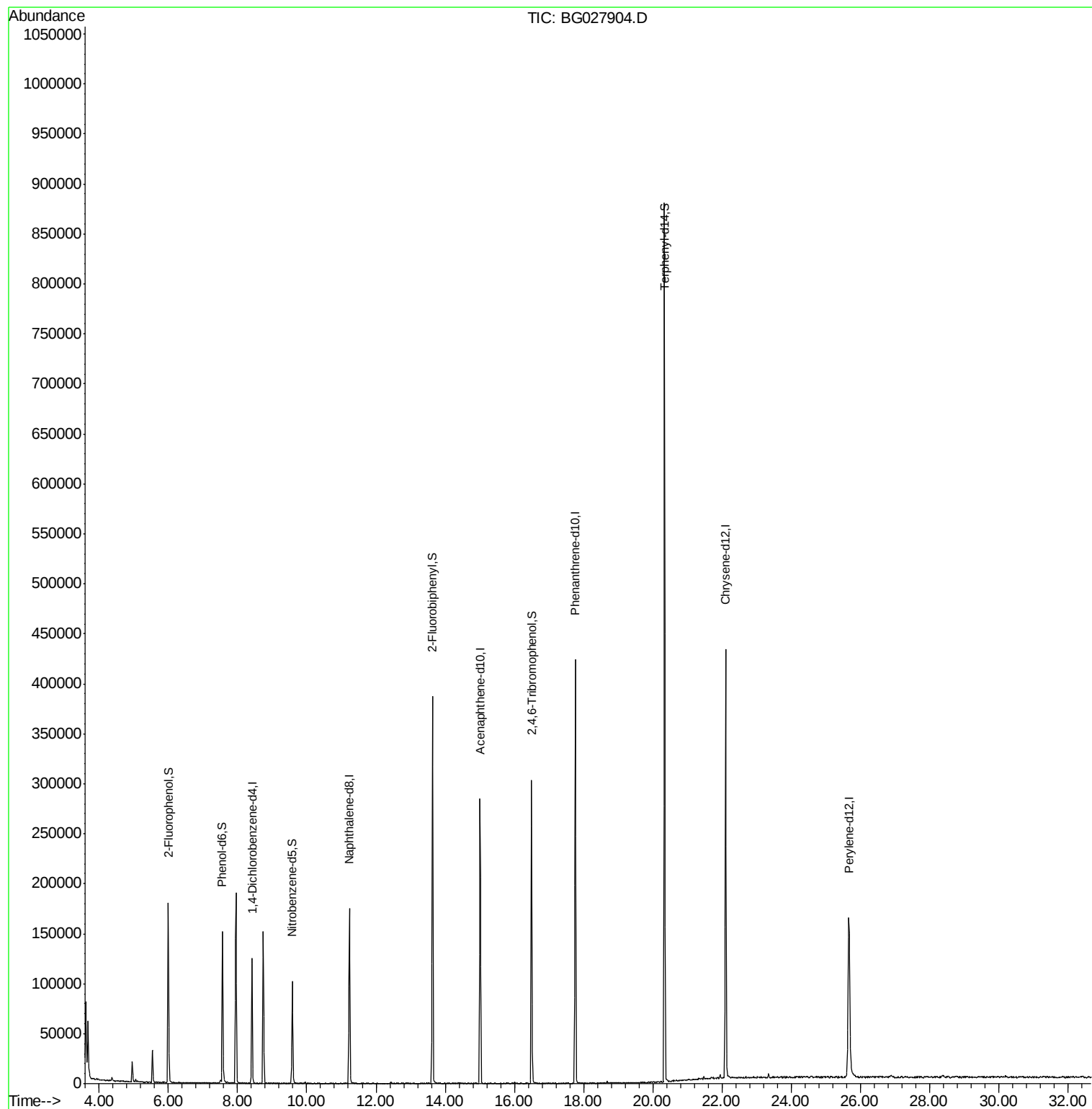
Target Compounds Qvalue

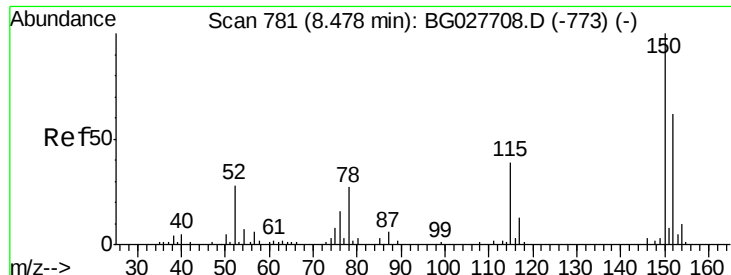
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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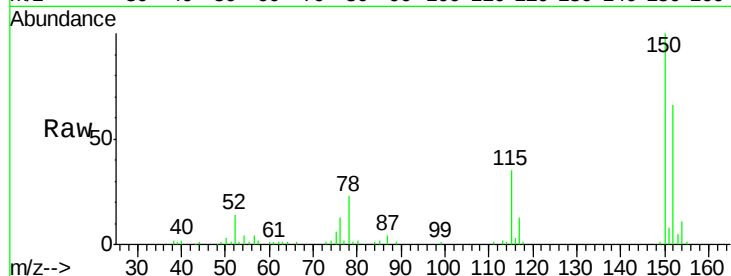


#1

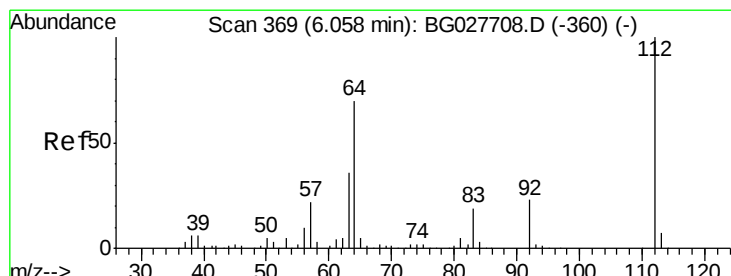
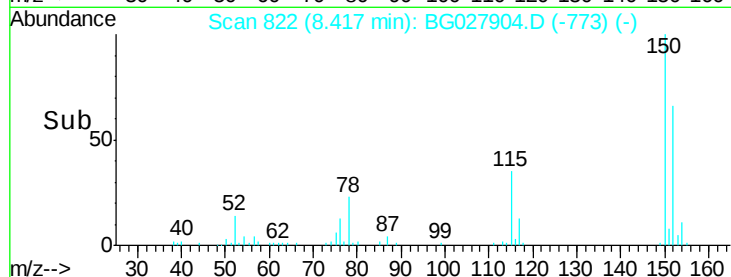
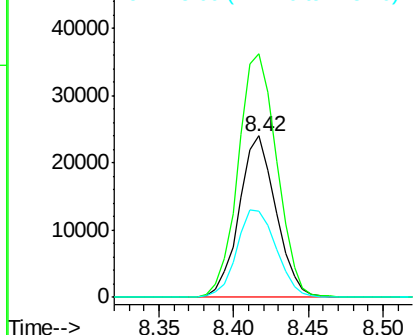
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.42 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG027904.D
Acq: 11 Jul 2017 2:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 41051
Ion Ratio Lower Upper
152 100
150 150.9 114.0 171.0
115 53.1 48.1 72.1



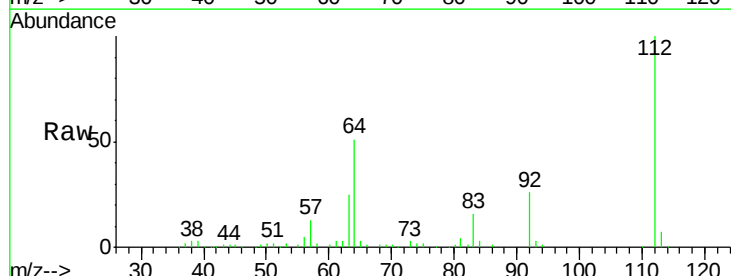
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



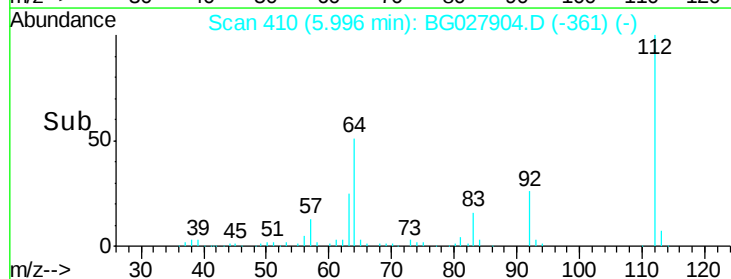
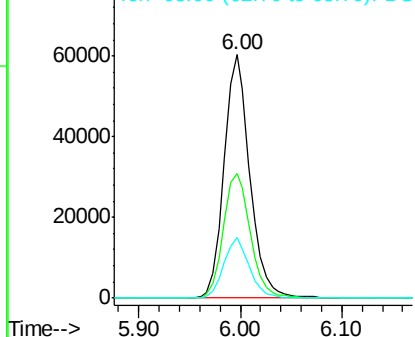
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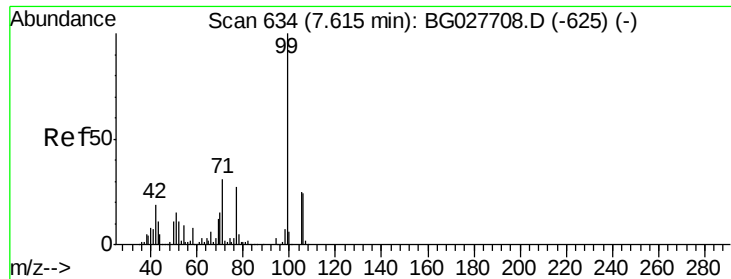
2-Fluorophenol
Concen: 39.68 ng
RT: 6.00 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG027904.D
Acq: 11 Jul 2017 2:03

Tgt Ion:112 Resp: 105776
Ion Ratio Lower Upper
112 100
64 51.0 61.8 92.6#
63 25.0 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 32.63 ng

RT: 7.56 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG027904.D

Acq: 11 Jul 2017 2:03

Instrument :

BNA_G

ClientSampleId :

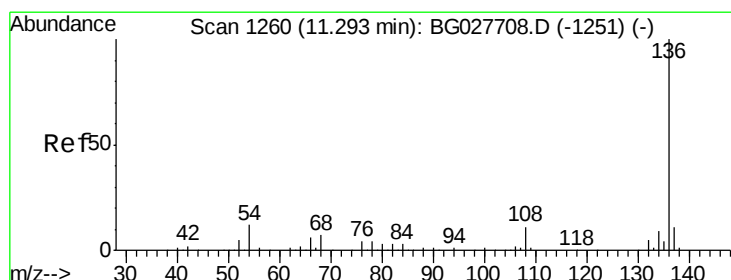
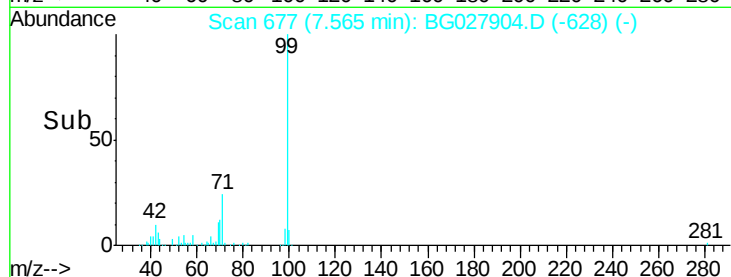
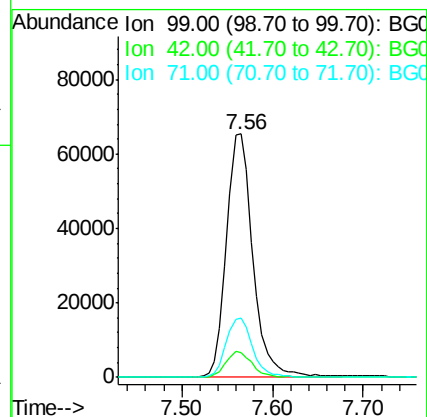
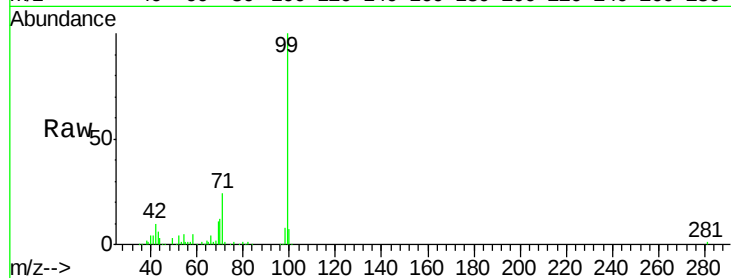
Tot Ion: 99 Resp: 132875

Ion Ratio Lower Upper

99 100

42 10.1 20.5 30.7#

71 24.1 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.23 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BG027904.D

Acq: 11 Jul 2017 2:03

Tgt Ion: 136 Resp: 179094

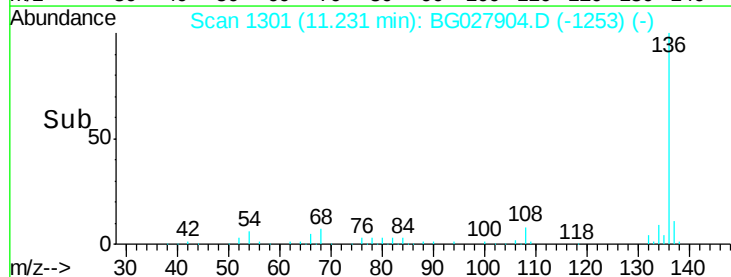
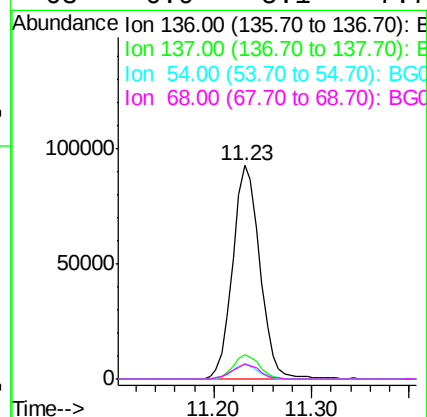
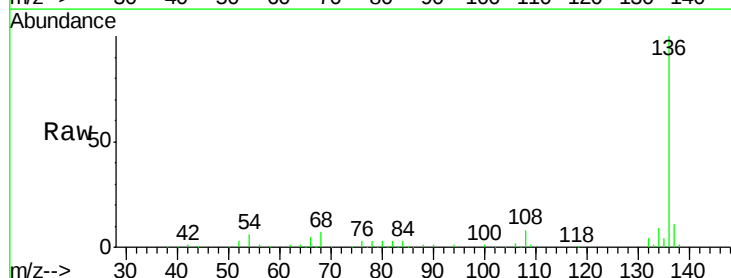
Ion Ratio Lower Upper

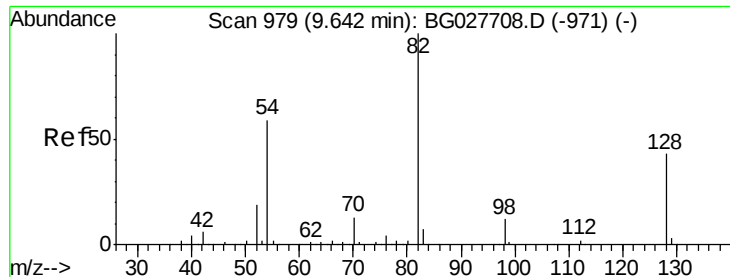
136 100

137 11.2 8.9 13.3

54 6.5 9.3 13.9#

68 6.9 5.1 7.7

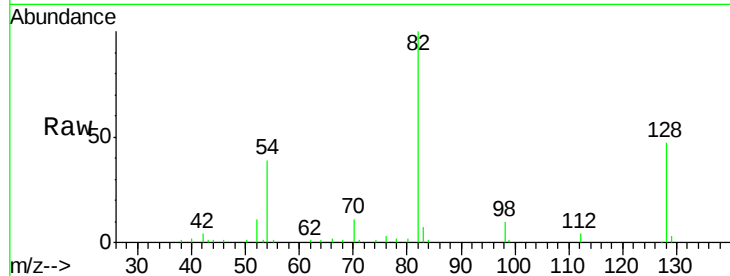




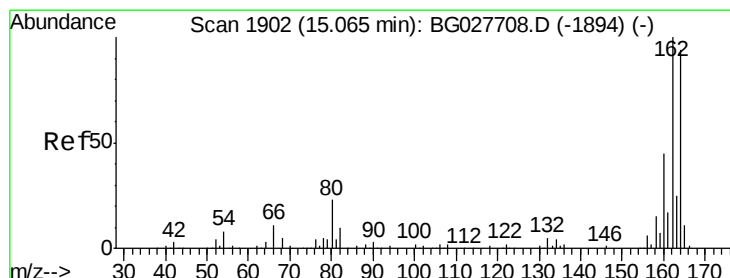
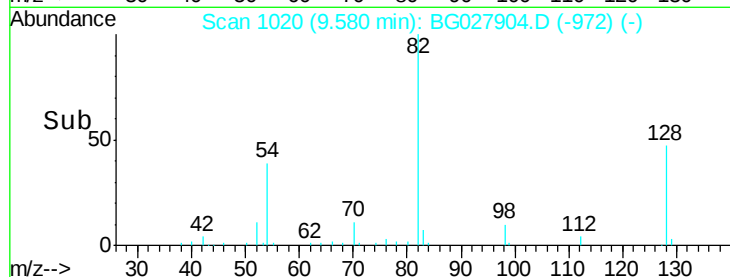
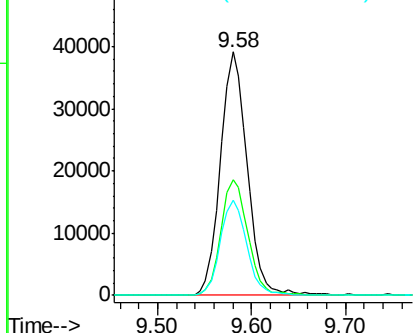
#23
 Nitrobenzene-d5
 Concen: 24.28 ng
 RT: 9.58 min Scan# 1020
 Delta R.T. -0.02 min
 Lab File: BG027904.D
 Acq: 11 Jul 2017 2:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	77999
Ion Ratio	Lower	Upper	
82	100		
128	47.3	26.4	39.6#
54	39.2	49.4	74.2#

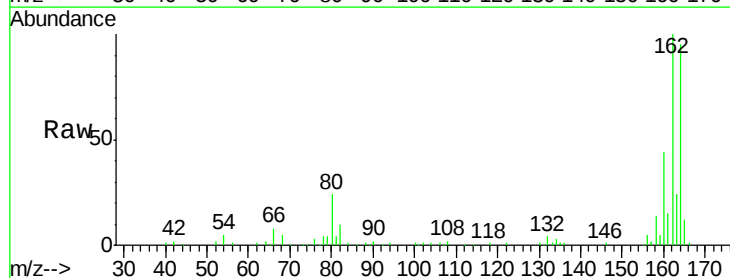


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

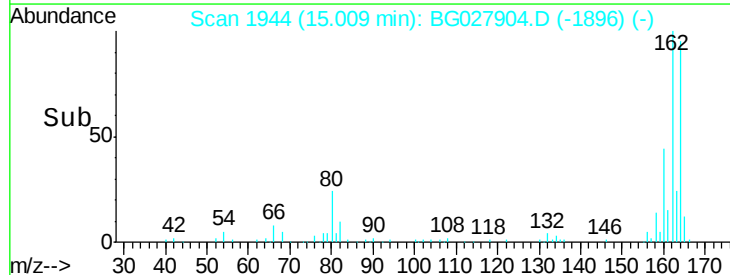
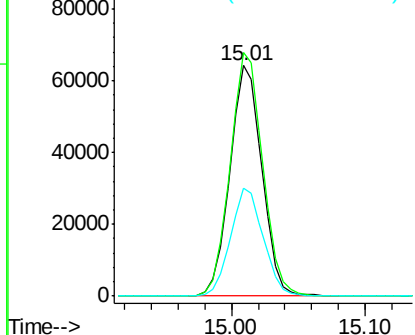


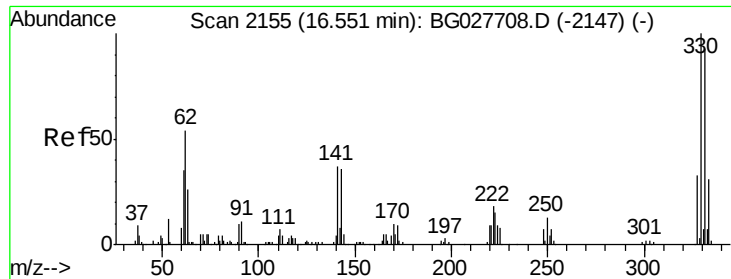
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1944
 Delta R.T. -0.02 min
 Lab File: BG027904.D
 Acq: 11 Jul 2017 2:03

Tgt Ion	164	Resp	106900
Ion Ratio	Lower	Upper	
164	100		
162	105.7	85.1	127.7
160	46.7	34.7	52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

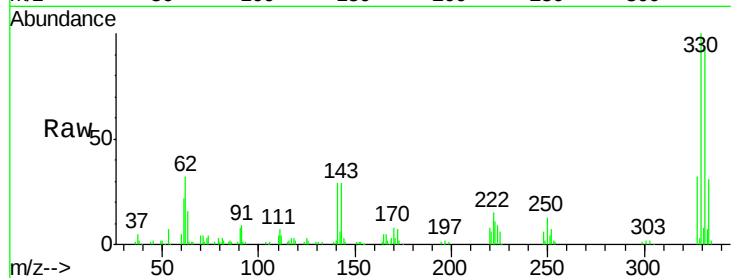




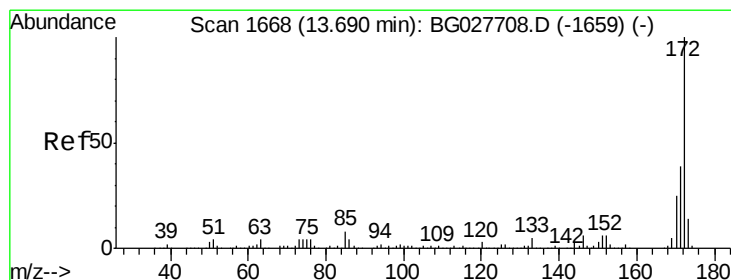
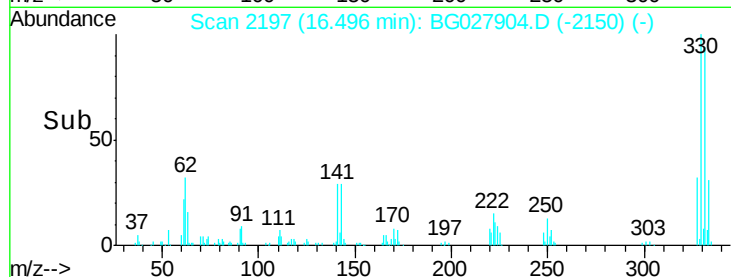
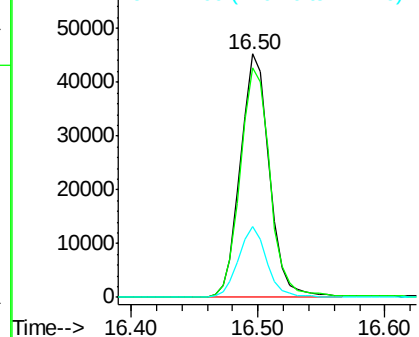
#41
 2,4,6-Tribromophenol
 Concen: 48.99 ng
 RT: 16.50 min Scan# 2197
 Delta R.T. -0.02 min
 Lab File: BG027904.D
 Acq: 11 Jul 2017 2:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	28.2	32.1	48.1

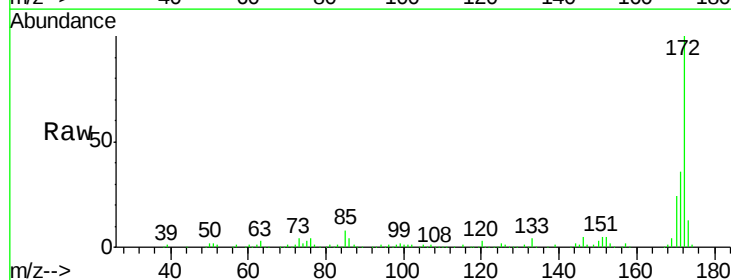


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

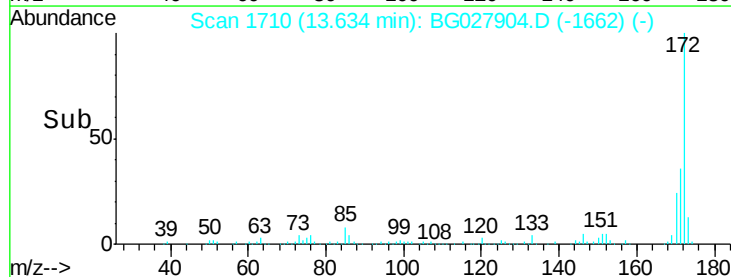
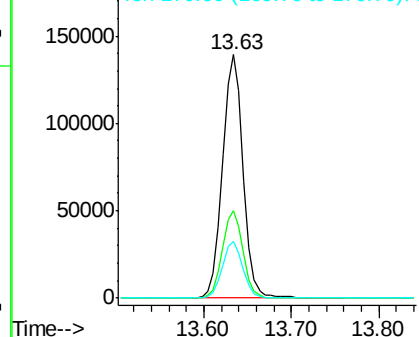


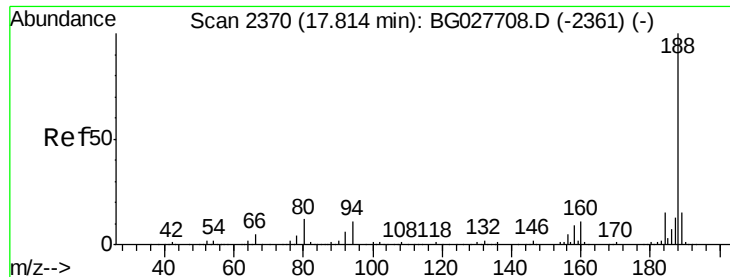
#44
 2-Fluorobiphenyl
 Concen: 30.22 ng
 RT: 13.63 min Scan# 1710
 Delta R.T. -0.02 min
 Lab File: BG027904.D
 Acq: 11 Jul 2017 2:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	32.2	48.2
170	23.5	21.8	32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

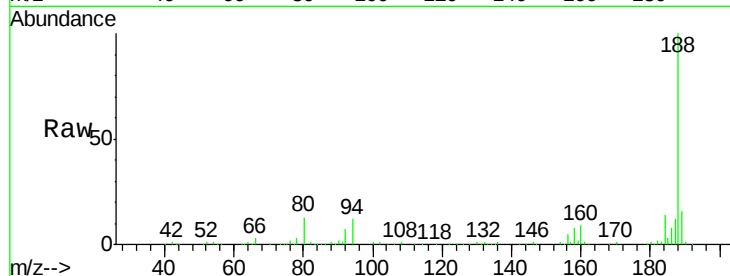




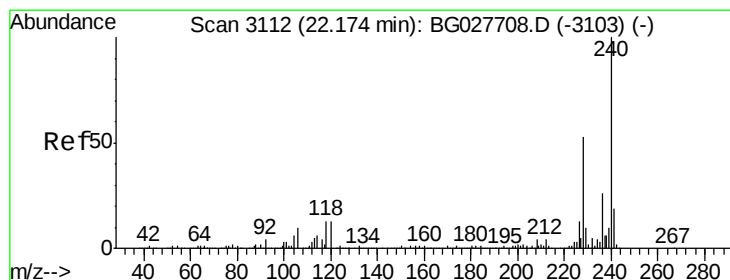
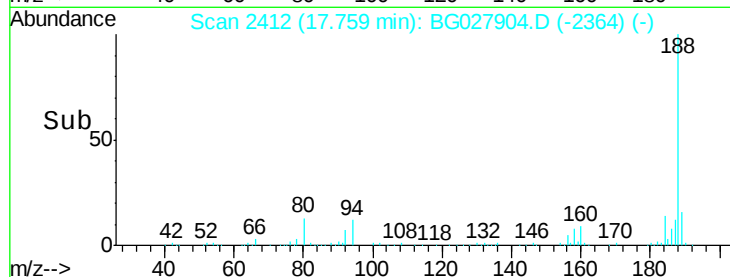
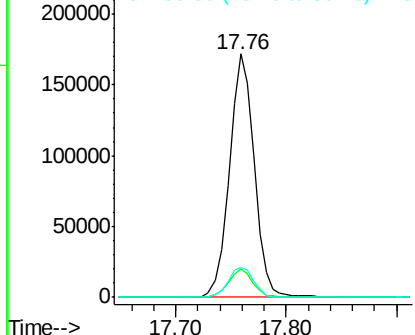
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.76 min Scan# 2412
Delta R.T. -0.02 min
Lab File: BG027904.D
Acq: 11 Jul 2017 2:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 270459
Ion Ratio Lower Upper
188 100
94 11.8 5.8 8.8#
80 12.5 7.5 11.3#

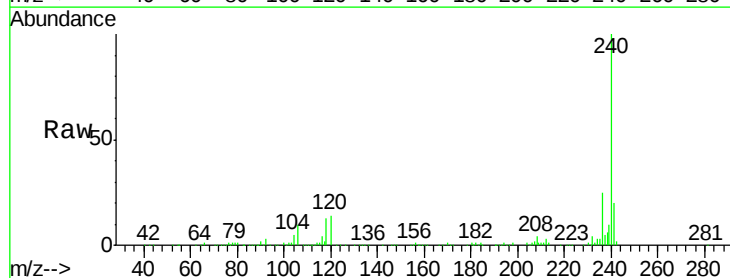


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

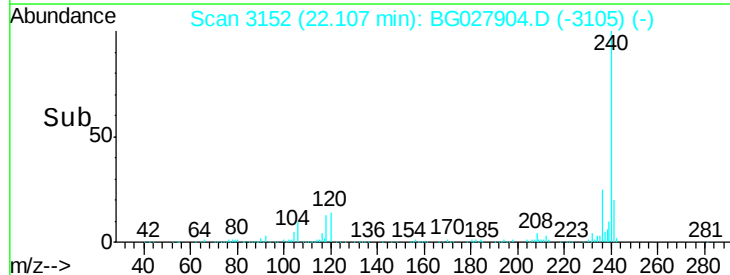
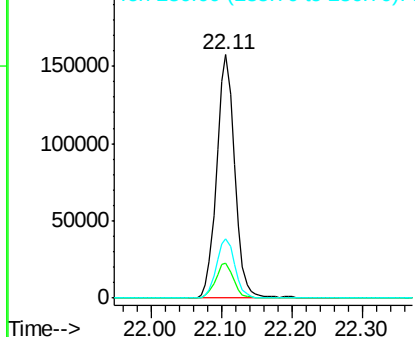


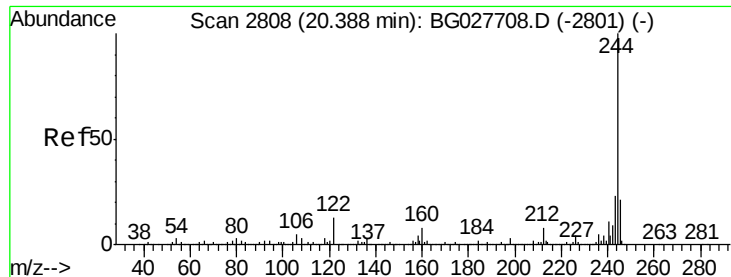
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.11 min Scan# 3152
Delta R.T. -0.02 min
Lab File: BG027904.D
Acq: 11 Jul 2017 2:03

Tgt Ion:240 Resp: 281240
Ion Ratio Lower Upper
240 100
120 14.2 5.7 8.5#
236 24.6 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 34.69 ng

RT: 20.34 min Scan# 2851

Delta R.T. -0.02 min

Lab File: BG027904.D

Acq: 11 Jul 2017 2:03

Instrument :

BNA_G

ClientSampleId :

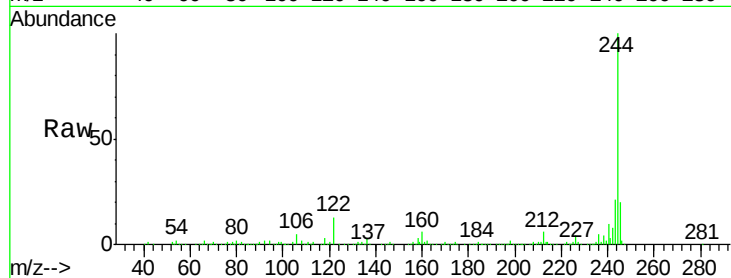
Tot Ion:244 Resp: 416155

Ion Ratio Lower Upper

244 100

212 6.2 10.0 15.0#

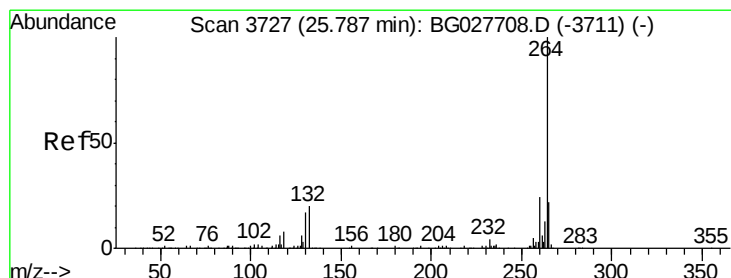
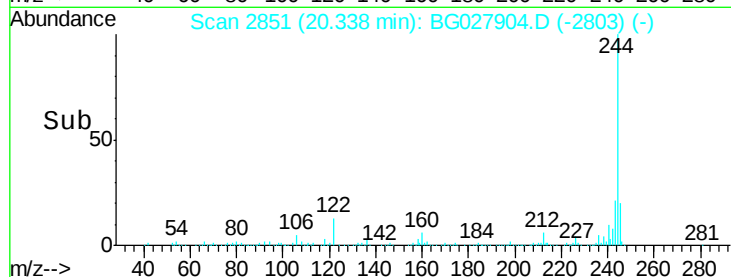
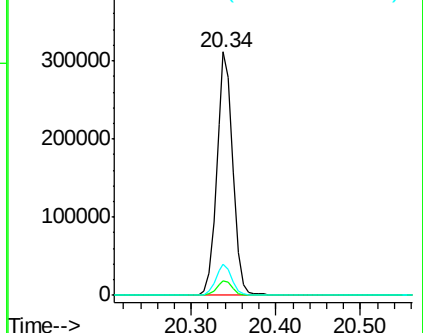
122 13.0 8.6 12.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.67 min Scan# 3758

Delta R.T. -0.03 min

Lab File: BG027904.D

Acq: 11 Jul 2017 2:03

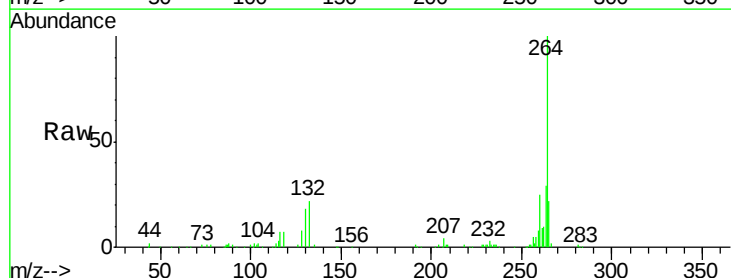
Tgt Ion:264 Resp: 171180

Ion Ratio Lower Upper

264 100

260 25.4 21.8 32.8

265 21.9 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

